"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-0

CIA-RDP86-00513R001653410013-7

5/585/52/543/553/553/52-/563 3120/.104 actions to the last bury we have the bury remained, chartic sai thelestic souttering of trascus by Ne 2 auclei atty holder Americal okaperimental trop of the continuous of the this v. 43. 1. 1(9), 1960, 769-751 1 MODICAL ! Tadl: Cross sections were desarted of graphs (graten energies the uniter set if a such that the center of each organic energies through the uniter set if the each of the each organic energies and the angular distribution of the 1.17-dev years and appearing described by A. V. Valtur et al. (Isv. AN 53JR, serily fire, 25, 1554) and P. V. Evynern et al. Chr. F. 40, 1255, there. The re was tarket was unriched to 07% with News. The results of these passengulate were overlusted by the method of least agrares under the following conditions: The resonance investigated is related to a single level. Only the least ing remander anythere as a reserve of a sugar action. The New Publisher or the Section of the Se Cart 1/2

1,1,225

s/056/62/043/006/012/067 B102/B104

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Valiter, A. K., Popov, A. I., Storizhko, V. Ye.

AUTHORS

TITLE

Elastic scattering of protons from Si onuclei

PERIODICALE

Zhurnal eksperimental noy i teoreticheskoy fiziki, v. 45, no. 6(12), 1962, 2038 - 2041

TEAT: The differential elastic proton scattering cross-sections o(0) were measured at the c.m. angles 0 = 90. 125. and 141 and at 1 £ £ £ 3.65 May. TLAT: The differential elastic proton scatters and at 14E $_p$ 43.65 MeV. measured at the c.m. angles 0 = 90, 125, and 141 and at 14E $_p$ 43.65 MeV.

The monochromatic (+ 0.05%) protons used in the experiments were obtained from the electrostatic accelerator of the FTI AN USSR. The scattered protons were analyzed by a magnetic spectrometer and detected with a thin CsI(Tl) crystal. The proton current was determined with a beam-catcher and a current integrator. The thin Si³⁰ target was prepared in a magnetic

separator by introducing Si 30 ions into spectrally pure graphite. In the separator by introducing Dirac into spectrally pure graphite. In the energy range investigated, the $\sigma(E_p)$ curves showed 52 resonances that can be related to excited states of the p^{31} nucleus. The most pronounced

Card 1/2

Elastic scattering of ...

S/056/62/043/006/012/067 B102/B104

resonances are analyzed in the single-level approximation of dispersion theory. Results: The excited 8.751-Mev level of P^{51} that corresponds to the resonance at $E_p=1514$ kev most probably has the characteristics l=0, $J=1/2^+$. The resonance at $E_p=3202$ kev corresponds to the 10.385 Mev level with l=2 and most probably $J=5/2^+$. The resonance at $E_p=3308$ kev corresponds to the 10.487 Mev level with the characteristics $1/2^+$. This resonance is due to a proton capture in the S-state. The resonance at $E_p=3438$ kev corresponds to the 10.614 Mev level with l=2 and $J=3/2^+$. The cross-sections of the $Si^{50}(p,p)Si^{50}$ reactions decrease with increasing E_p ; this decrease is most pronounced at $\theta=90^\circ$ and least at 141°. There are 4 figures and 1 table.

ASSOCIATION:

Fiziko-tekhnicheskiy institut Akademii nauk Ukrainskoy SSR (Physicotechnical Institute of the Academy of Sciences Ukrainskaya SSR); Khar'kovskiy gosudarstvennyy universitet (Khar'kov State University)

SUBMITTED: Card 2/2 July 11, 1962

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410013-7"

8/056/63/044/001/011/067 B108/B180

Val'ter, A. K., Storizhko, V. Ye., Popov, A. I.

Elastic scattering of protons by Mg24 nuclei AUTHORS:

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fisiki, vo

no. 1, 1963, 57 - 62

TEXT: Protons with energies of 1450 - 4200 kew were extracted from an electrostatic accelerator and scattered by a target composed of 99%-pure Mg24 on a spectroscopically pure graphite backing. The scattered protose were recorded on a magnetic spectrometer with a Cal(Tl) crystal and an Φ39 -19 (FEU-19) photomultiplier. The error was less than 3 %. Resonant were observed at proton energies of 1495, 1624, 1670, 2015, 2410, 2920, 3140, 3669, and 4022 key. These correspond to the Al25 levels with the excitation energies of 3.725, 3.850, 3.893, 4.224, 4.604, 5.093, 5.304, 5.812, and 6.151 Mev. According to the single-level approximation of dispersion theory, the broad resonance at E = 3140 kev is due to proton capture in a state with 1 = 0. The corresponding Al²⁵ level (excitation. Card 1/2

Elastic scattering of protons ...

S/056/63/044/001/011/067 B106/B160

energy 5.304 Mev) is a 1/2⁺ level. The spin and parity of the 5.812-Mev level are 3/2⁺ or 5/2⁺, those of the 6.151-Xev level are 3/2⁺. The protons are captured onto this level in a state with 1 = 2. The characteristics of the remaining Al²⁵ levels with excitation energies of less than 5 Mev agree with the results of earlier papers. There are 2 figures and 2 tables. The most important English-language references are: P. M. Endt, C. M. Braams. Rev. Mod. Phys., 29, 683, 1957; A. E. Litherland et al. Can. J. Phys., 36, 378, 1958; H. W. Lewis, W. T. Joyner. Bull. Am. Phys. Soc. Ser., 11, 280, 1956.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet (Khar'kov State University); Fiziko-tekhnicheskiy institut Akademii nauk

USSR (Physicotechnical Institute of the Academy of Sciences

UkrS3R)

SUBMITTED: July 10, 1962

Card 2/2

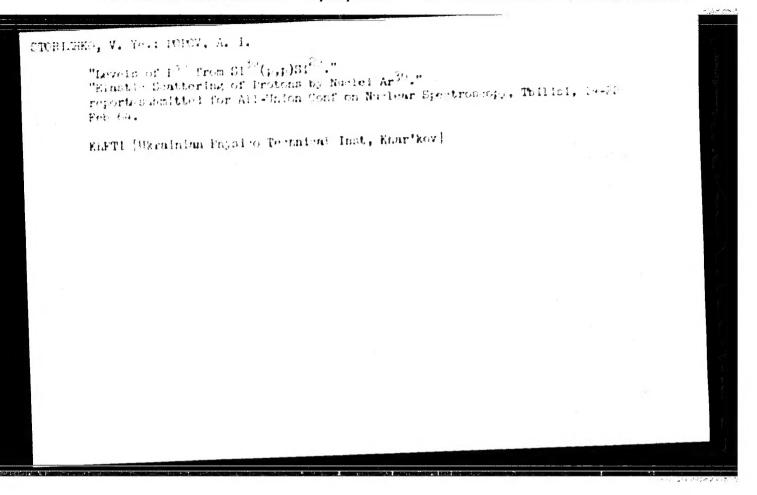
VALITER, A.L.; STORIZHKO, V.Ye., POPOV, A.I.

Elastic proton scattering by Mg nuclei. Zhur. eksp. i teor. fiz. 44 no.1:57-62 Ja *63. (MIRA 16:5)

1. Khartkovskiy gosudarstvennyy universitet i Flaiko-tekhnicheskiy institut AN UkrSSR.

(Protons-Scattering) (Magnesium)

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653410013-7



STORIZHKO, V. Ye.; POPOV, A.I.

Elastic scattering of protons by Ar³⁶ nuclei. Izv. AN SSSR. Ser, fiz. 28 no.7:1145-1151 Jl '64 (MIRA 17:8)

p³⁰ levels manifesting themselves in the Si²⁹(p,p)Si²⁹ reaction. Told.:1152-1155

1. Finiko-tekhnicheskiy institut AN UkrSSR.

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AVAN A: btwitchker, N. You. Yearstehev, O. I.: Sersov, A. I.; Slabospitskiy, R. P.

to it has before a laboratore, Acomery or a terror, Person (Fiziko-reducadore dy abortant de a la esta a parame)

Title: Including contoring of protons by Ne-21. Spin and parity of the first excited state of Ne-21. Tepart, Fifteenth Annual Conference on Nuclear Spectroscopy and Nuclear Structure, held at Minsk, 25 January to 2 February 1965/

GOLROK: AM Social lavostiya, Seriya fizicheskaya, v. 30, no. 2, 1966, 249-254

TOPIC TAGS: proton scattering, inelastic scattering, gamma ray, nuclear energy level, neon,

ABSTRACT: The inelastic scattering of 1 to 3 MeV protons on Ne²¹ was investigated in order to obtain information concerning the excited states of the Na²² compound nucleus and to determine the spin and parity of the 350 keV first excited state of Ne²¹. An enriched (30% Ne²¹ and 70% Ne²⁰ and Ne²²) target of neon embedded in a 0.1 mm thick tantalum substrate was employed. The 90° yield of 350 keV gamma rays was determined as a function of incident proton energy. Some 60 resonances were observed, and the energies, widths, and relative intensities of 24 of them are tabulated. The resonances at proton energies below 2.3 MeV were mostly well separated, and their energies

Card 1/2

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were determined with an accuracy of 5 keV; the resonances at higher proton energies were not well separated and they were not investigated further. Angular distributions of the 350 keV gamma rays associated with the different resonances were measured and the coefficients A2 and A4 in the expression 1 + A2P2 (cos 0) + A4P4 (cos 0) for the angular distribution are tabulated for 19 of the resonances. For all but 7 of the resonances the value obtained for A4 was less than its probable error, and for only one of the resonances did A4 exceed its probable error by as much as a factor 2. From that it is concluded that the spin of the 350 keV level does not exceed 5/2. Theoretical, angular distributions were calculated with different assumptions concerning the spin and parity of the 350 keV Ne²¹ level and the characteristics of the Na²² states and are discussed at length in connection both with the present measurements and with data in the literature. It is concluded that the spin and parity of the 350 keV Ne²¹ level are 5/2⁺. The authors thank M.I.Guseva for providing the Ne²¹ target. Orig. art. has: 2 formulas, 2 figures and 4 tables.

SUB CODE: 20 SUBM DATE: 00 ORIG. REF: 003 OTH REF: 009

Card 2/2

HOENIG, V.; STORK, A.

 F^{i}

[Study of plasma volume in shock states] Prispevek ke studiu plasmatickeho volumu a sokovych stavu. Gas.lek.cesk. 89 no.13:361-369 31 Mr '50. (CIML 19:1)

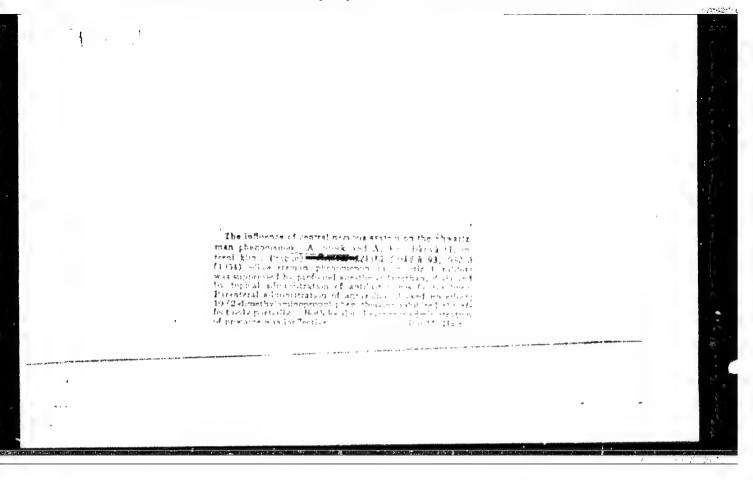
1. Of the First Internal Clinic of Charles University (Head -- Prof. Kr. Rynek, M.D.) and of the Central Biochemical Maboratories (Head -- Prof. Jar. Jorejai, M.D.)

HOENIG, VISTORE, A.

Significance of certain circulatory modifications in liver cirrhosis. Cas. lek. cesk. 89 no.39:1071-1075 29 Sept. 1950. (CLML 20:1)

1. Of the First Internal Clinic of Charles University (Acting Head--Prof. Vr. Jonas, M. D.).

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653410013-7



STORE, A.; KOYARIKOVA, A.

Effect of the Central nervous system on Shwartsman phenomenon. Cas. lek. cesk. 93 no.36-37:982-983 10 Sept 54.

1. I. interni klinika, Prednosta prof. Dr. M. Hetousek.

(ALLERGY, experimental,

Shwartsman phenomenon, role of CHS)

(CEHTRAL HERYOUS SYSTEM, physiology,

in Shwartsman phenomenon)

STORE, Alois, MUDr

Clearing factor and its relation to heparin; determination of clearing capacity of the plasma with the aid of diluted milk. Ges. lek. cesk. 93 no.50:1387-1388 10 Dec 54.

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Value of blood lipase before and after heparin injections.
Cas. 16k. česk. 95 no.11:286-287 1956.

1. Z I. kliniky nemoci vnitrnich, prednosta prof. MUDr
Milos Hetousek.
(LIPASES, in blood
eff. of heparin on quality)
(HEPARIM, eff.
on blood lipase quality)
(BLOOD
lipase, eff. of heparin on quality)
```

STORK, A.; KUC EROYA, L.

Clearing factor of blood plasma in diabetics after heparin injection. Cas. lek. cesk. 95 no.40:1106-1108 5 Oct 56.

1. I. interni klinika Korlovy university v Prass. Prednosta prof.

VUDr. M. Netousek, lekarskych ved.

(DIABETES MELLITUS, blood in

eff. of heparin on plasma clearing factor (Gz))

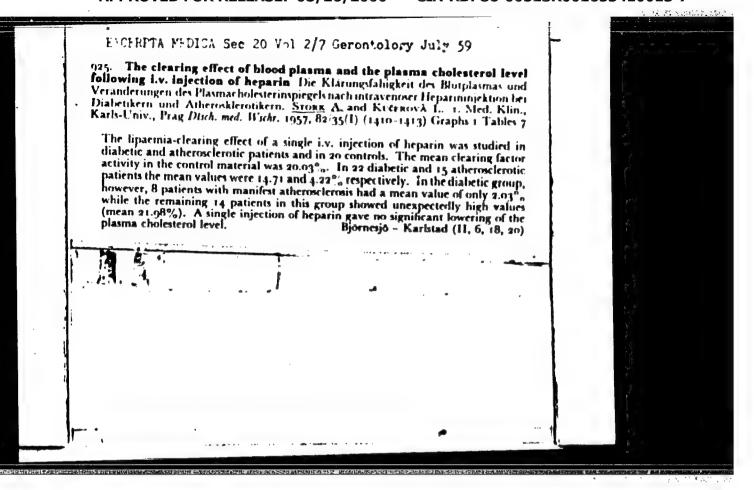
(HEPARIN, eff.

on plasma clearing factor in diabetes mellitus (Gz))

(PLASMA

clearing factor in diabetes mellitus, eff. of heparin

(Cz))



STORK. A.; KUCEROYA, L.

Relation of the clearing factor of blood plasma after heparin to cholesterolemia. Sborn. lek. 59 no.4:112-116 Apr 58.

1. I. interni klinika fakulty vseobecneho lekarstvi Karlovy university v Praze, prednosta prof. Dr. Nilos Netousek. A. S. Praha 11-499-1. interni klinika.

(LIPASES

lipoprote in lipase, relation of cholesterolemia (Cs))
(GHOLESTEROL, in blood
relation to lipoprote in lipase (Cs))

STORK, A.; KUCKROVA, L.

Extraction of free & bound cholesterol after heparin injection in normal & atherosclerotic patients. Cas. lek. cesk. 97 no.10:319-323 7 Mar 58.

1. I. interni klinika Karlovy university v Prase, predmosta prof.
Ir. Milos Netousek. A. S., Praha 2, U Memocnice 2.

(CHOLESTEROL, in blood
in arteriosclerosis, eff. of heparin (Cs))

(ARTE: IOSCIEROSIS, blood in cholesterol, eff. of heparin (Cs))

(HEPARIN, eff. on blood cholesterol in arteriosclerosis (Cz))

KUCHROVA, L.; STORK, A.; FABIAN, E.

Determination of clearing factor. Cas. lek. cesk. 98 no.13:398-401 27 Mar 59.

l. I. interni klinika KU v Praze, prednosta prof. dr. M. Hetousek.

(LIPASHE, in blood

lipoprotein lipase in normal & arteriosclerotic patients

(Cz))

(ARTERIOSCLEROSIS, blood in

lipoprotein lipase (Cs))

STORK, A.: KUCHROVA, L.: FABIAN, E.

Lipoprotein changes after heparin injection in relation to the clearing factor. Gas. lek. ceak. 98 no.13:401-403 27 Mar 59.

1. Statisticke spracovani: Ing. Frantisek Fabian.

(LIPASES, in blood
lipoprotein lipase in normal & arteriosclerotic patients

(Cx))
(ARTERIOSCIEROSIS, blood in
lipoprotein lipase (Cx))

KUCKROVA, L.; STORK, A.; VABIAN, E.

Trial therapy of atherosclerosis with anayme preparations. 1. Clinical part. Cas. lek. cesk. 98 no.13:403-407 27 Mar 59.

1. I. interni klinikh MJ v Praze, prednosta prof. dr. Milos Netousek.

(ARTERIOSCIMROSIS, ther.

vasolastine, statist. (Cz))

(EMZYMES, ther. use vasolastine in arteriosclerosis, statist. (Cs))

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653410013-7

S.OHK, A.; KUCEROVA, L.; FABIAN. Ye...

Factor of clarification in the pathogenesis of atherosclerosis.

Klin. med. 38 no. 2:54-62 F '60. (MIFA 14:1)

(ARTERIOSCLEROSIS) (LIPOPROTEINS)

STORK. A.: KUCEHOVA, L.: FABIAN, E.

Experience with the treatment of atherosclerosis with an enzymatic preparation. Part II. Changes of biochemical indices. Cas.lek. cask. 99 no.7/8:427-251 19 F 160.

1. I. interni klinika KU v Praze, prednosta prof. MUDr. Milos Netousek.

(ARTERIOSCLEROSIS ther.)
OXIDASES ther.)

KOVARIKOVA Alena L.: STORK, Aleis

Pharmacology and clinical use of lanatoside D. Cas.lek.cesk 100 no.21: 653-657 26 My 61.

1. Vyzkumny ustav prioridnich leciv, I interni klinika lekarske fakulty KU, Praha.

(DIGITALIS)

KUCHAOVA, L.; STORK, A.

Some changes in metabolism of lipids in kidney diseases. I. Nephrotic syndrome. Cas. lek. cosk. 101 no.20:618-623 18 My 162.

1. I interni klinika lekarske fakulty KU v Praze, prednosta prof. dr. V.Hoenig, DrSc. (MEPHAOTIC SEDROE metabolism) (LIPIDS metabolism)

STORK, Alois; KUCEROVA, Ludmila

Postheparin esterase and clearing factor in liver diseases. Cas. lek. cesk. 101 no.27:833-836 6 J1 162.

1. I interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. V. Hoenig, DrSc.

(LIVER DISEASES blood) (ESTERASES blood)
(HEPARIN pharmacol)

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653410013-7

KUCEROVA, L.; STOCK, A.

Idiopathic hyperlipemia. Cas. lek. cesk. 161 no.38dek Ved Zahr:185-190 21 S '62.

1. I. interni klinika fakulty vseobocneho lekarstvi KU v Praze, prednosta prof. dr. V. Hoenig DrSc. (BLOOD LIPIDS)

KUCHROVA, L.; STORK, A.

Some changes of fat metabolism in kidney diseases. II. Glomerulone-phritis. Cas. lek. cesk. 101 no.38:1137-1140 21 9 162.

1. J interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr V. Hoenig, DrSc.
(LIPID METABOLISM) (GLOMERULONEPHRITIS)

thursday A

Of PAREL VA, R., of the First Clinic of Internal Sedicine (I. interni Electrica), requity of Seneral Medicine (Fakulta vseobecneho lekarstvi), Charles University, Prague, Prof V. HOENIG, MD, director.

"of sec of meparin on the Activity of Serum Transaminases"

11 100, 1 50, 15 -386ru Ceskych, Vol CII, No 17, 26 April 63, pp 141-

the track Alchers anglish sumary): The activity of SGOT and SoFT before and ofter introvenous injection of heparin was studied in 40 conjects, but or this number eight subjects served as a control group, eleven suffered from glomerulonephritis, four from diabetes, five from release hyperlipseria, and twolve from hepatic disease. No significant change in the activity of these enzymes could be observed in any of the patients. An apparent increase of SGOT and SGPT activity in two prients suffering from idiopathic hyperlipsemia was caused by increased turbidity of the reacting mixture during incubation. Twenty-one references, including nine Czech.

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653410013-7

STORK, A.; KUCEHOVA, L.; VOLEK, V.; technicka spoluprace PAPEZOVA, R.

Effect of heparin on the activity of serum transaminases. Cas. lek. cesk. 102 no.17:441-444 26 Ap *63.

1. I. interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. V. Hoenig.

(HEPARIN) (PHARMACOLOGY) (ALANINE AMINOTRANSFERASE)

(ASPARTATE AMINOTRANSFERASE) (BLOOD CHEMICAL ANALYSIS)

(GLOMERULOMERRITIS)

KUCEROVA, L.; STORK, A.; FABIAN, E.

Clinical manifestation of idiopathic hyperlipemia. Cas.lek. cesk. 102 no.51:1393-1400 20 D*63.

1. I. interni klinika fakulty vseobecneho lekarstvi KU v Praze; prednosta: prof.dr. V.Hoenig, DrSc.

STORK, A.; KUCEROVA, L. FABIAL, E.; technicka apoluprace: TAROROVA, B.

Activity of lipoprotein lipase and postheparin esterase in idiopathic hyperlipemia. Cas.lek.cesk. 102 no.52:14.09-14.12 27 D**163.

1. I. interni klinika fakulty vseobecneho lekarstvi KU v Praze; prednosta: prof.dr. V.Hoenig, DrSc.

FABIAN, E.; STORK, A.; KUCEROVA, L.

Genealogy in essential hyperlipemias of adults. Acta univ. Carol. [med] (Praha):Suppl. 18; 171-176 164.

1. I. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. V Hoenig)

STORK, A.; KUCEHOVA, L.

Some metabolic changes in idiopathic hyperlipemia. Cas.lek. cesk. 103 no.2143-45 10 Ja*64.

1. I. interni klinika fakulty vseobecneho lekarstvi KU v Praze; prednesta: prof.dr. V.Hoenig. DrSc.

KUCEROVA,L.; STORK,A.; FABIAN,E.. Technicka spylugrace: TABOROVA,B.;
PAPEZOVA,R.

Effect of diet containing sunflower oil on the course of idiopathic hyperlipemia. Cas.lek. orgin. 100 nr.9:230-234 28 F*64.

1. I. intermi klinika fakulty vseobecneho lakarsti KU v Praze; prednosta: prof.dr. V.Hoenig, DrSc.

FABIAN, E., (Prana 2, U nemocnice 2); KUCEHOVA, L.; STORK, A. Some indicators of lipid metabolism in diabetes mellitus. Cas. lek. Cesk. 104 no.43:1186-1189 29 0 165.

1. I. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. V. Hoenig, DrSc.).

Submitted Oct. 1964.

Eyger light, fan. lok. fesk. Fil ne.afries. ved. vahr. lit abd-. vf l. N 55.

i. I. interni zlinika fakulty vseobecneho lekarstvi Karlovy University v fraze (prednesta prof. dr. V. Hoenig, Iroc.).

FABLAN, E.; KOBILKOVA, J.; KUCHROVA, L.; STORK, A.; SHONATOVA, J.

The influence of estrogens on the action of postheparin esterage. Cas. lek. Cask. 104 no.47:1301-1302 26 % 165.

1. I. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze a Laborator pro patofyziologii krvetvorby a jater pri I. interni klinice (prednosta prof. dr. V. Hoenig, DrSc.) a I. gynekologicko-porodnicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. K. Klaus, ErSc.).

There is a Walla

Internal Clinic, Faculty of General Medicine, Charles University (I. Internal Clinic, Faculty of General Medicine, Charles University (I. Interna Klinika Fakulty Vseebecneho Lekarstvi KW), Prague, Laboratory for Pathophysiology of Blood Formation and Liver Discases at the 1st Internal Clinic (Laborator pro Patofyziologii Envetvorby a Jater pri I. Interna Klinice), Head (Prednosta) Prof Dr V. HOZIG.

"Evaluation of the Changes in Kon-esterified Fatty Acids in the Plasma in Clearing Reactions."

Prague, <u>Gasonis Lekaru Ceskych</u>, Vol 105, No 2k-25, 17 Jun 66, pp 681 - 682

Abstract: The increase in non-esterified facey acids (NEP) in the clearing reaction in vivo was investigated; the possibility of the clearing reaction in vivo was investigated; the possibility ratio of the content of NEP by finding the concentration of absumin using bromosulfophtalein was studied. 23 healthy subjects were used in the experiments; it was found that the bromosulfophtalein method cannot be used to determine plase the bromosulfophtalein method cannot be used to determine the method concentration of NEF; the increase in their content can however, be determined in this way. 1 Figure, 5 Western, 6 Czech references.

- 54 -

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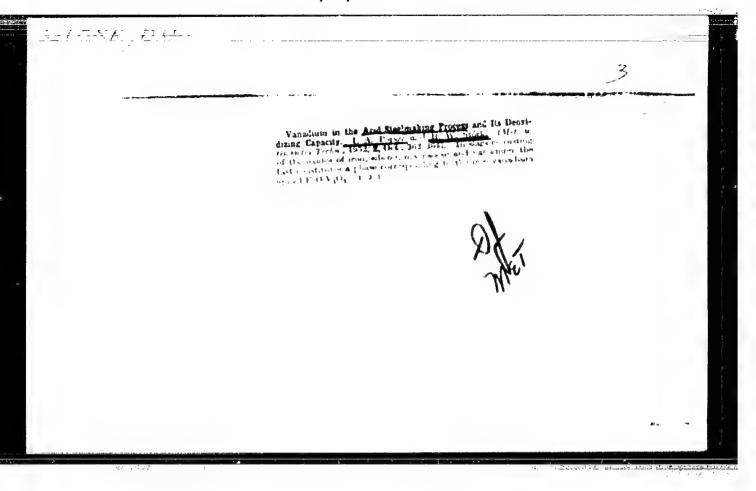
CARGROSLOVARIA UDS 615.36(612.115.35):612.12(577.153.084)

FABIAN, E.; HUDLROVA, L.; STORE, A.; SPONAROVA, J.; 1st Internal Clinic, Faculty of General Medicine, Charles University (I. Int. Klinika Fak. Vseob. Lek. RW), Pradue; Laboratory of Pathophysiology of Blood Formation and Liver Diseases at the 1st Internal Clinic (Laborator pro Patoryziologii Krvetvorby a Jater pri I. Interni Klinice), Pradue, Head (Prednosta) Prof Dr V. HOENIG.

"Relationship Between Postheparin Lipolyite and Esterase Activity in Healthy Men and Women."

Prague, <u>Gasopis Lekaru Ceskych</u>, Vol 105, No 38, 16 Sep 66, pp 1030 - 1032

Abstract [Authors | English summary modified]: A group of healthy men and women was examined; the content of the free fatty acid plasma before and after the administration of heparin was determined. Activity of mostheparin esterase and of linoprotein lipase in vitro was determined. The relationship between the free facty acids and lipoprotein lipase in vitro is discussed. Postheparin esterase activity is different in men and in women. No relationship between lipolysis in vivo and lipoprotein lipase activity in vitro was found. 1 sigure, 11 Western, 7 Szech referly ences. (Manuscript received Dec 65).



tork, J.

Stork, J. Chinese institutes engaged in construction research. p. 159.

..C. 5

Vol. 1, no. 3, 1956 STAVERHICK CAFOLIS TEMBLICACY Czechoslovakia

So. Mast European Accessions, Vol. 6, May 1957

.... KK., J.

"Research in the Institute of Building and Architecture of the Slovak Academy of Sciences."

p. 197 (Stavba) Vol. 4, no. 7, July 1957 Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

16 Indit/Chemical Techn 18gy - Chemical implicate surl Helir 7-23
Application. Cormaics. Glass. Binders. Concrete.

Abs Jour : Ref Thur - Khimiya, No 8, 1953, 25983

Author : Stork Juraj

Tible : Some Correlations Between Composition and Consistence

of Concrete Mix.

Orig Pub : Inz-ia i budown., 1957, 14, No 7, 259-264

Abstract : In connection with the building of hydraulic works in

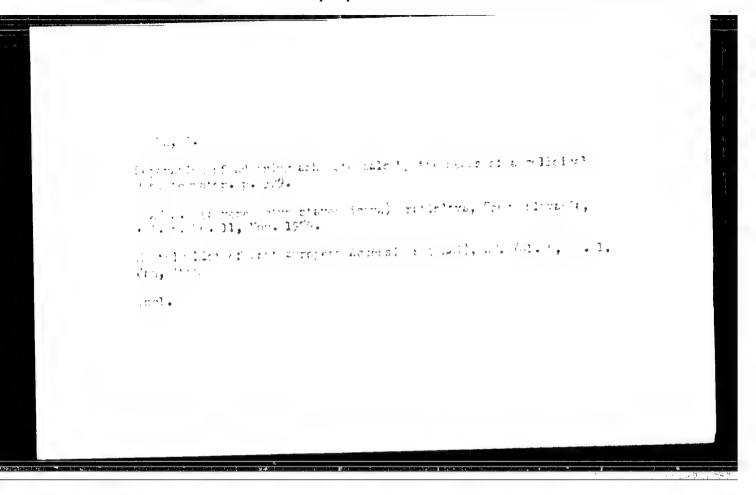
Slovakia a study was made of the effects of different factors on the behavior of concrete mix. On a change in the sand: gravel (S:0) ratio a change takes place in the consistency of concrete produced with a small expenditure of cement. In concrete containing larger preportions of cement a change in S:0 ratio has little effect. With a water/cement ratio of 0.71 (cement con-

tent 200 kg/m³) the optimal amount of sand is shifted

Card 1/2

- 30 -

T. Jimes to Sie for a clipical dibraha batami (Siemants and Sim estition of a continual for a

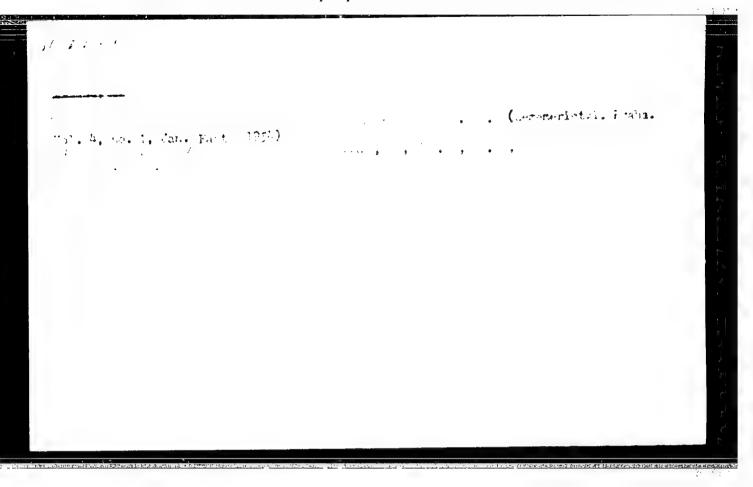


URBANCZYK, Vladislav, inz.; HOLLER, Jaroslav, inz.; STORK, Jaromir, inz.

Reconstruction of the headgear at the Gottwald mine in Ostrava-Marvina coal field. Uhli 5 no.6:195-198 Je 163.

1. Dul President Gottwald (for Urbanczyk). 2. Zavody V.I. Lenina, Plzen (for Holler and Stork).

ACC NRi 176026637		34/66/000/004/0294/0294
INVENTOR: Kaldrovi	ts. J. (Doctor of natural sciences); Stork,	J. (Wooter; Engineer;
ORG: none	rdness gage. Class 42k, No PV 755-65	123
SOURCE: Hutnicke 1	isty, no. 4, 1966, 294	
TOPIC TAGS: hardne	ss, pendulum, mechanical measuring tool	
of the invention point in investing the fly wheel. Two one is the slow of the material	rticle is a summary of Czechoslovak 1, 36/04, PV 755 - 65, dated 4 Peb 69 is the measurement of a penetration igated materials. The diamond is confactors are measured to determine thing down of the pendulum, and the other dislodged from the tested sample by has: 1 figure. [JRS: 36,646]	n of a <u>diamond</u> nnected to a ne hardness:
SUB CODE: 20 / S	UEM DATE: none	
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STORKAN, F.

Czechoslovakia

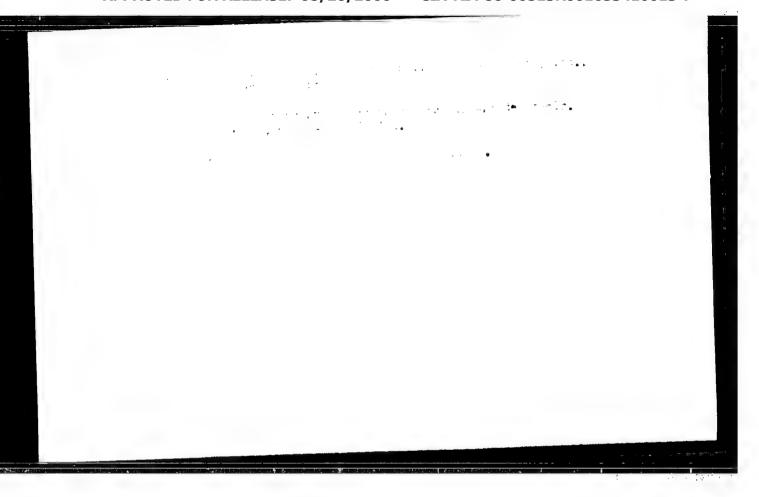
Transformation der Koordinaten zwischen den Nachbarzonen der Gaussabbildung in der Praxis (tschech.) 8. 73-76

80: Vermessungs Technik, Nov 1955, Uncl.

ST(RKAN, Frantisck, inz.

Information and publicity serving new technology in geodesy and cartegraphy. Geog kart obsor 2 no.2:24-27 F 156.

1. Ustredni sprava geodesie a kartografie.



KASIK, Ivan, ind.; STOLKAN, Zdenek, inz.; STAKEK, Jiri

1. Research Institute of Iron Metallurgy, Prague (for Kasik and Stuck). 2. Spojere coelamy, Kladno (for Stucke).

Country : CZECHOSLOVAKIA

Chteg ry: Plant Diseases, Liseases in Cultivated Planes.

Als Jur. William, No 10, 1,58, No 82683

Math F : Kazda, Vaclav; St Maleva, Jana

Inst :

Title : Stem Burps with Adventitious Roots in K hlrnb:

(Brassica Sheracea L. var. gangylodes L.)

Orig .ub: Coskosl. bi~1., ..57, 6, No 470-474

Abstract: In Prague and his coverens during the in ise surver

months of 1955 0.50 hehlrabi stalks displayed small bulges to which adjentitious roots were attached. The young tubercles consisted of several hodes, and the old ones were in the form of hemispheres with a disputer of 4 - 8 mm. Adventitious roots grow out

Card . 1/2

Country : CZECHOSLOVAKU.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653410013-7"

Abs Jur: M2h7id., N. 18. N. N. N. 82883

from the tubercles which came in contact with the pround or which were devered with moist sich during banking. Two types of tactoria were is lated from the bumps, namely - Gram-negative and Gramps tive rods. Their art contains in the emergence of the tubercles and roots was not proved. -- G.'. D'yakova

CIA-RDP86-00513R001653410013-7

DOHERSKY, P.; PECHOVA, I.; HORACKOVA, E.; PARIZKOVA, J.; VAVELHKOVA, H.; techn. spoluprace KLUSONOVA, H.; STORKOVA, H.

Metabolism in obese subjects. Cesk. gastroent. vyz. 16 no.3/4:230-237 Ap 162.

1. Ustav pro vyzkum vyzivy lidu v Praze, reditel doc. MUDr. J. Masek, DrSc. (DIET REDUCING)

HEYMAN, Kazimierz; LAWILLOWSKA, Irena; STORKOWSKA, Lucyna

Brucellosis in workers of dairy industry and of milk-collection centers in the Pozman province. Przegl. epidem., Warsz. 12 no.2:147-150 1958.

1. Z Dzialu Epidemiologii Woj. Stacji San. -Epid. w Poznaniu Kierownik Dzialu: dr med. K. Heymon Drektor Stacji: dr med St. Grzymala.

(BHUCELLOS IS, epidemiology, in dairy workers (Pol))

(OCCUPATIONAL DISEASES.

brucellosis in dairy workers (Pol))

RYNDIN, R.M.; STORODINSKIY, Ya, A.

Unitarism correlations for elastic collisions of particles having arbitrary spins. Zhur. eksp. i teor. fiz. 32 no.6:1584-1585 Je '57. (MIRA 10:8)

1. Ob*yedinennyy institut yadernykh issledovaniy. (Collisions (Fuclear physics))

PLASE I BOOK EXPLOITATION

1145

Gol'danskiy, Vitaliy Iosifovich and Leykin, Yavgeniy Moiseyevich

Prevrashcheniya atomnyklı yader (Transformations of Atomic Nuclei) Moscow, Izd-vo AN SSSR, 1958. 425 p. 20,000 copies printed.

Resp. Ed.: Storodinskiy, Ya. A.; Eds. of Publishing House: Mazin, I.P. and Chernyak, L.Ye.; Tech. Ed.: Prusakova, T.A.

PURPOSE: This book is intended for readers who have a knowledge of physics and who wish to increase their knowledge of the basic problems of nuclear physics.

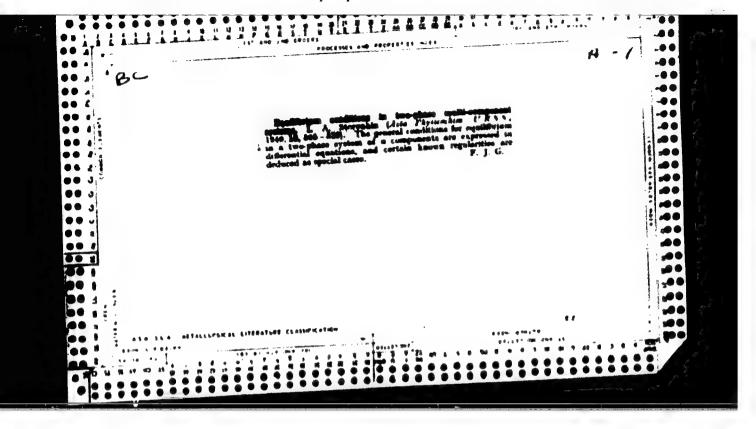
COVERAGE: The book deals with the properties of atomic nuclei and elementary particles, models of atomic nuclei, methods and means for carrying out and observing nuclear reactions, detailed descriptions of methods of using nuclear reactions to obtain information on the structure of nuclei, and descriptions of the reactions used to obtain atomic energy - fission chain reactions and thermonuclear reactions. There are 14 Soviet references.

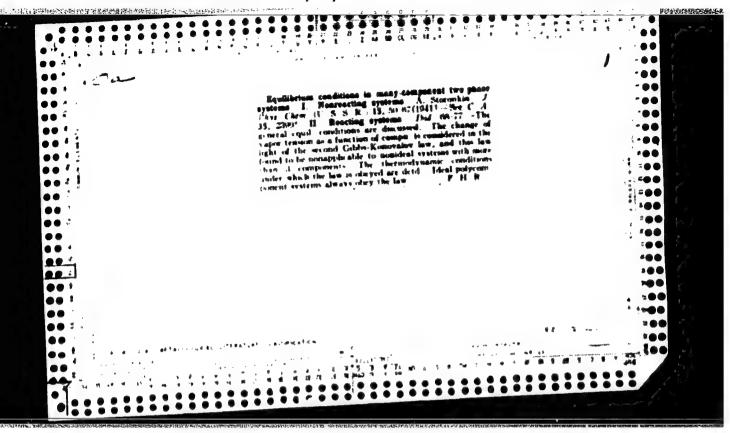
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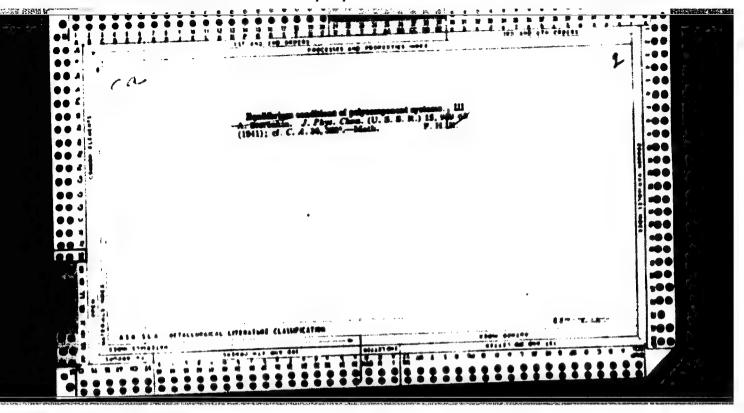
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5. 担任中国,19.3. 用用的时间,19.3. 是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们

- 4 2,75

Chemistry - Systems Chemistry - Equilibrium Boy 1947

"Conditions of Equilibrium of Multicomponent Systems, Part IV," A. V. Storonkin, 11 pp

"Thur Fiziches Khim" Vol XXI, No 9 p.1069-79

STOROUXIN, A.V

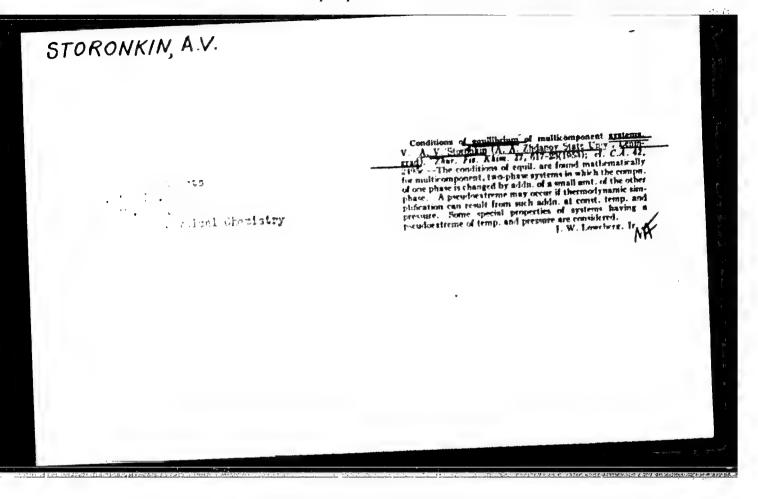
[Conditions for thermodynamic equilibrium in multicomponent systems]
Ob usloviiahh termodinamicheskege ravnevesiia mnogekempenentnykh sistem.
Ind-vo Leningradskege gos. ordena Lenina univ., 1948.120 p. (MLRA 9:5)
(Thermodynamics)

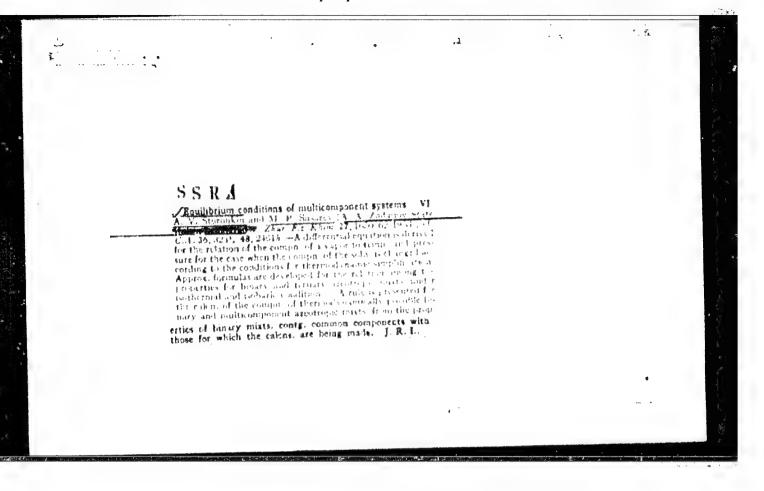
- 1. THERESTIL A. Y., OF TARRY, U. F.
- 2. USSE (600)
- 4. Thase Rule and Equilibrium
- 7. Study of general and partial vacor tensions of the system "hydrogen chloride sulfuric acid water." Vest. Len. un. 7 No. 6, 1952

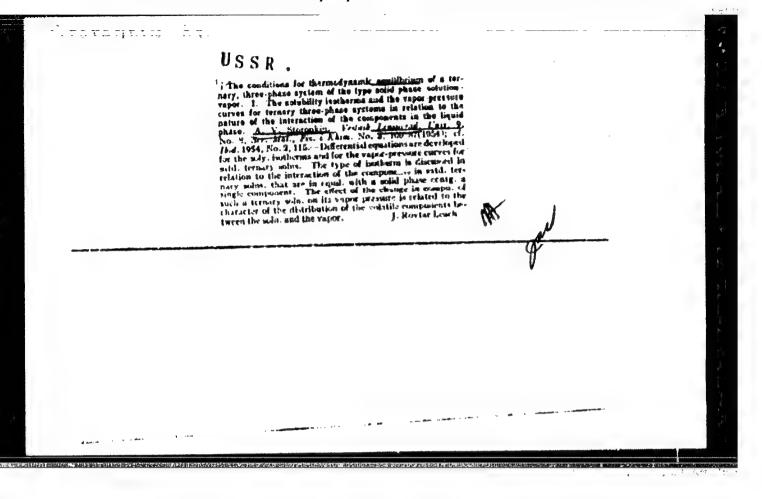
9. Monthly List of Bussian Accessions, Library of Congress, May 1993, Uncl.

Thermodynamic relation between the compositions of assotropic mixtures of multicomponent systems, Vest. LGU 8 no.5:91-112 My (MIRA 12:7)

(Systems (Chemistry)--Thermal properties)





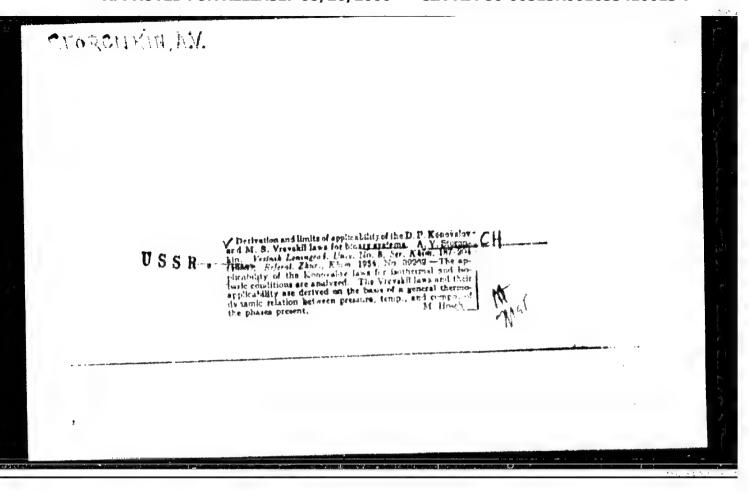


STORONKIN, A.V.

Equilibrium conditions and some other properties of multiphase systems.

Vest.Len.um.9 no.2:115-128 F *54. (MIRA 9:7)

(Phase rule and equilibrium)



STORONKIH, A.V.

D.P.Kenevalev, the eutstanding Russian physical chemist; 25th anniversary of his death. Vest.Len.un.9 ne.5:167-176 My 154. (MLRA 9:7) (Kenevalev, Dmitrii Petrevich, 1856-1929)

STORONKIN, A.V.

Conditions for the thermodynamic equilibrium of ternary three-phase systems of the type: solid phase -- liquid -- vapor. Part 1.

Solubility isotherms and vapor-pressure curves in ternary three-phase systems in connection with the nature of interaction of components in the liquid phase. Vest.Len.un. 9 no.8:169-187 Ag 154.

(Thermochemistry) (Systems (Chemistry)) (MIRA 8:7)

CIA-RDP86-00513R001653410013-7

STORONKIE, A.V.; SHUL'TS, M.M.

Variation in the chemical potentials and partial pressures of components of ternary two-phase systems during isothermal and isobaric change of composition. Part 1. Vest.Len.un. 9 no.11:153-165 M 154. (MIRA 8:7) (Systems (Chemistry))

StoronKir H 1.

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Card 1/1 : Pos. 107 - 19/09

Authors : Stormtin. A. V.

Title 1 About We the emplyments possible forms of inotherm-isotor curves of

om marstern. Part 1 .-

Feriodical : Thur. fis. Miss. 28/11, 2021-2041, November 1954

Abstract

The problem concerning the theoretizationally possible isotherm-index And to discuss od. A method for the integral of last interior in one, where it also applicable to solubility isotherms, is present d. A like on and discussion, this is appropriately in the light of all two, as much bed. A direct connection between the first one-index on the last of the connection of the control of the discussion of the last of the control of the last of the las

ene : (117,-1054). Tilles; (re, ha.

Institution: To A. A. Weimov State University, Lasings d

Get-1864 : North 27, 1954

STORONKIN, A.V.

USSRChemistry - Physical chemistry

Pub. 147 - 14/26 Card 1/2

Storonkin, A. V., and Markuzin, N. P.

Study of vapor pressures of saturated and unsaturated KCl solutions Authors

in hydrochloric acid Title

Zhur. fiz. khim. 29/1, 111-119, Jan 1955

The vapor pressure of saturated and unsaturated KCl solutions in Periodical : hydrochloric acid was experimentally investigated at 25C. The form Abstract

of the solubility isotherm and the curves representing the total and partial vapor pressures of saturated tertiary KCl HCl H20 solutions was established on the basis of the thermodynamic theory of tertiary saturated solutions. It was found that the solution with minimum vapor pressure evaporates without any change in its composition.

The A. A. Zhdanov State University, Leningrad Institution :

May 19, 1954 Submitted

Periodical : Zhur. fiz. khim. 29/1, 111-119, Jan 1955

Card 2/2

Fub. 147 - 14/26

Abstract

The values of total and partial pressures for saturated and unsaturated termary KCl solutions are tabulated. Eight USSR

references (1948-1954). Tables; diagrams

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410013-7

STORONKIN, A.V.

USER/ Seigntirts

Card 1/1

Tub. 127 - 11/13

Authors

storenkin, A. V., and Debretin, R. B.

Title

Brief review of the D. I. Mendeleyev teaching on solutions

Periodical :

Vest. Len. un. Ser. mat. fiz. khim. 10/2, 157-171, Fcb 1955

Abstract

A brief review is made of the development process together with an analysis of the scientific importance of the basic ideas of the D. I. Pendeleyev teaching on solutions. A list of D. I. Pendeleyev's works on the theory and chemism of solutions since 1862 is included.

Eleven Russian references (1862-1905).

Institution :

.......

Submitted

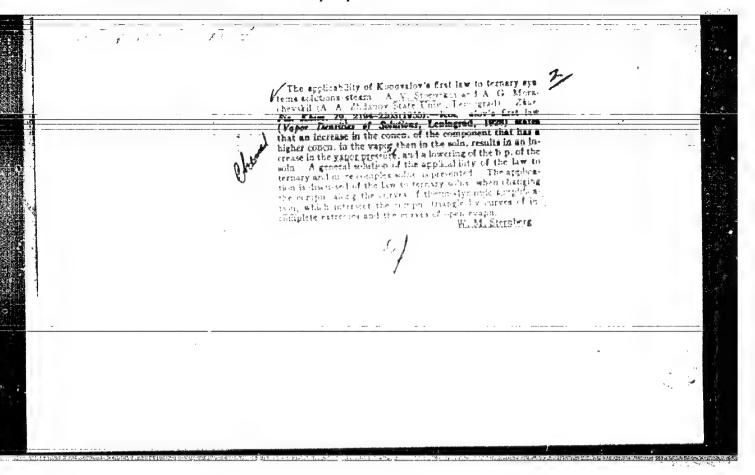
June 29, 1954

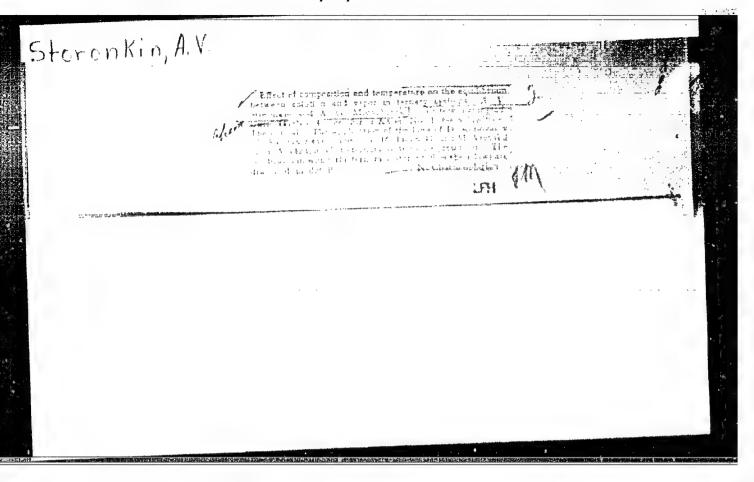
CIA-RDP86-00513R001653410013-7

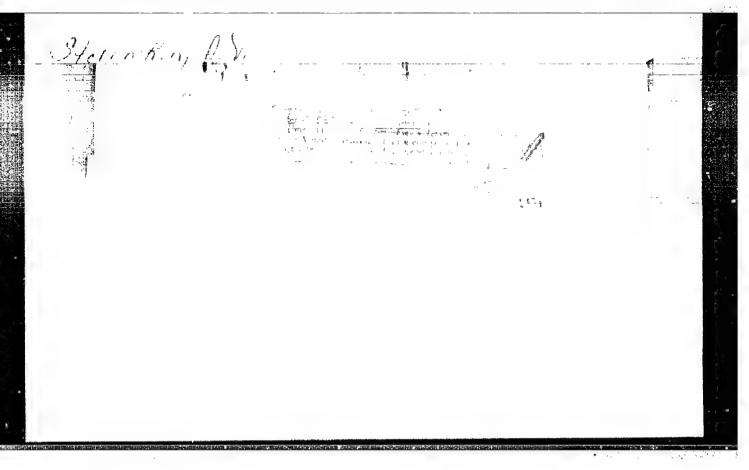
ETCK BIKIN, A.V.; MORACHEVSKIY, A.G.

Applicability of Konovalov's first law to ternary solution -- vapor systems. Zhur.fiz.khim. 29 no.12:2194-2203 D '55. (MLHA 9:5)

1. Leningradskiy gosudarstvennyy universitet imeni A.A. Zhdanova. (Phase rule and equilibrium)

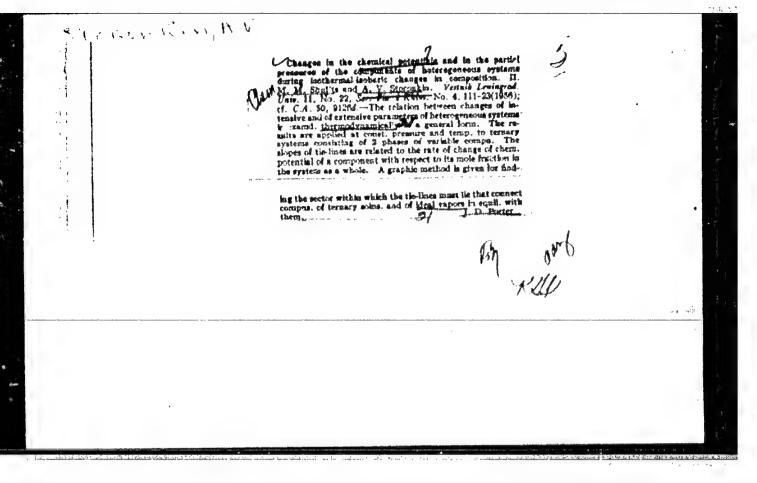


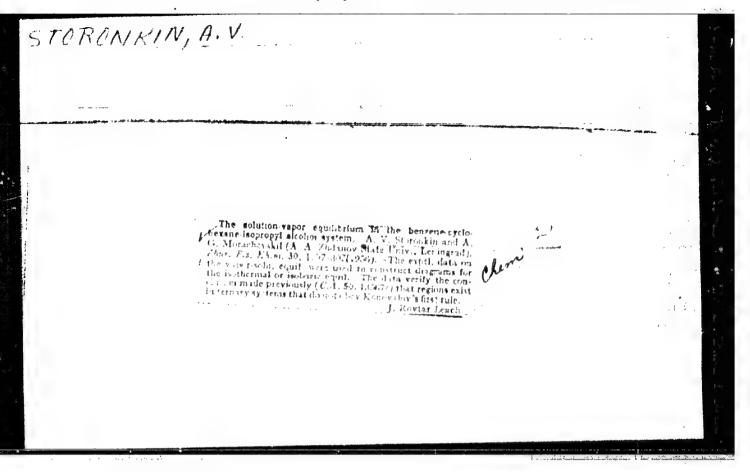


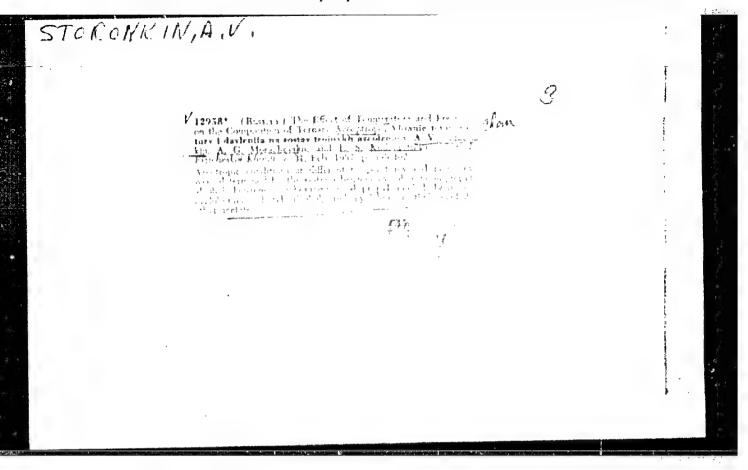


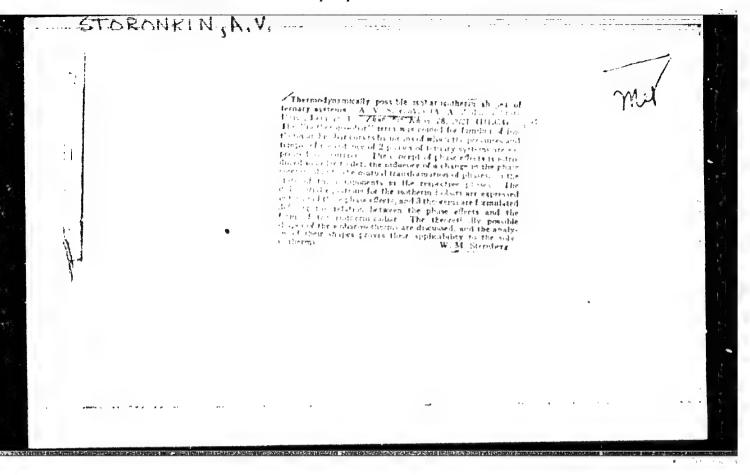
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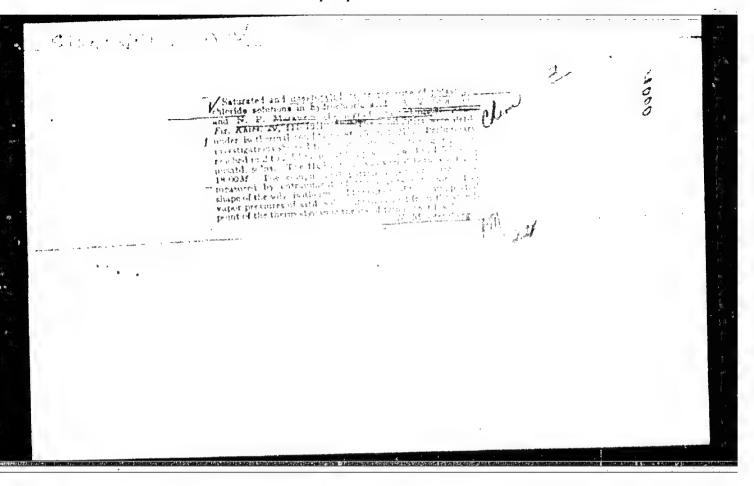
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- 25 A

USSR Physical Chemistry. Thermodynamics, Thermochemistry. B-8 Equilibria, Physical-Chemical Analysis. Phase Transitions.

Abs Jour: Ref Zhur-Khimiya, No 5, 1957, 14636

Author : A. V. Storonkin, A. G. Morachevskiy

Inst :

Title : Concerning The Application of Konovalov's First Law to

Ternary Systems Solution-Vapor

Orig Pub: Zh. fiz. khimii, 1955, 29, No 12, 2194-2203

Abstract: A general solution of the question concerning the applicability of the first law of Konovalov to ternary systems is given. The applicability of the law is proved thermodynamically in cases that the solution composition changes along the curves of the thermodynamical simplification, the secants of the composition triangles, the curves of incomplete extremes, and curves of open evaporization. There are regions where the law is not carried out, if the composition was altered by the addition of one of the components of ternary systems producing azeo-

Card 1/2

Equilibria, Physical-Chemacus

Abs Jour: Ref Zhur-Khimiya, No 5, 1957, 14636

STORONKIN, A.V.; MORACHEVSKIY, A.G.

Effect of changes in the composition and temperature on the equilibrium between solutions and vapors in ternary systems. Vest. Len. un. 11 no. 4: 69-82 F 156.

(Systems (Chemistry)) (Phase rule and equilibrium)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410013-7

USSR/Statistical Physics - Liquids

D-8

Abs Jour

: Referat Thur - Fizika, No 5, 1957, 11525

Author

: Storonkin, A.V.

Inst

Title

Certain Problems of the Thermodynamics of Systems, that

Obey the Conditions of Isolation of Matter

Orig Pub

: Vestn. Lenin, r. un-tn, 1956, AN: 16, 74-84

Abstra:t

: Discussion of several general thermodynamic relations for open systems, i.e., such systems in which the matter can be exchanged with the surrounding medium. The most generai case of a multi-component and multi-phase system, in which chemical reactions can take place, is considered. A detailed analysis is made of the Gibbs phase rule as applied to all possible variants of such systems, and also to the problem of the meaning and applicability of thermodynamic potentials, particularly the chemical potential, for such systems. It is emphasized that these

Card 1/2

CIA-RDP86-00513R001653410013-7" APPROVED FOR RELEASE: 08/26/2000

USSR/Statistical Physics - Liquids

p-8

Abs Jour : Ref Zhur - Fizika, No 5, 1957, 11525

importance are very important for geology, and many works of other writers are critically surveyed.

Card 2/2

STERT VALLE. A. P.

USSR/ Chemistry - Physico-chemical analysis

Card 1/2

Pub. 147 - 27/35

Authors

1 Storonkin, A. V.

Title

Critique of certain principles and concepts of the physico-chem. analysis

Periodical : Zhur. fiz. khim. 30/1, 206-216, Jan 1956

Abstract

The author offers a critique of the continuity and conformity principles as well as concepts of certain singular points of physico-chemical diagrams. The chemical and thermodynamic difference between the conception of a phase and solution is explained. It is pointed out that some special points on the "composition - state" diagram pertaining to nondissociating specific compounds are the end points of various curves representing qualitatively

Institution : Leningrad State University, im. A. A. Zhdanov

Submitted

: April 2, 1955

Card 2/2 Pub. 147 - 27/35

Periodical : Zhur. fiz. khim. 30/1, 206-216, Jan 1956

: different relations between properties and composition. In order to Abstract eliminate errors of false concepts the author suggests certain changes in the terminology and definitions of certain concepts pertaining to

physico-chem. analysis. Twelve USER references: (1934-1955). Graphs.

STORONKIN, A.V.; MORACHEVSKIY, A.G.

Solution-vapor equilibrium in the system: benzene -- cyclohexane ---isopropyl alcohol. Zhur.fiz.khim. 30 no.6:1297-1307 Je '56.
(MLRA 9:10)

1. Leningradskiy gosudarstvennyy universitet imeni A.A. Zhdanova. (Benzene) (Cyclohexane) (Isopropyl alcohol)

"APPROVED FOR RELEASE: 08/26/2000

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